

## BOOKS RECEIVED/NOTICES

Annotations and comments by the Editor

**Timber Press' Gardener's Guide to Growing**

MICHAEL JEFFERSON-BROWN and HARRIS HOWLAND. 2002. **Gardener's Guide to Growing Lilies.** (ISBN 0-88192-537-3, pbk.; 0-88192-315-X, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: [www.timberpress.com](http://www.timberpress.com), 800-327-5680, 503-227-2878, 503-227-3070 fax). \$29.95 (hbk, 1995), \$19.95 (pbk, 2002), 160 pp., 70 color photos, 40 b/w line drawings, 7" × 9 1/2".

Key Words: Lilies, *Lilium*, related plants, gardening, identification.

DIANA GRENFELL. 2002. **The Gardener's guide to Growing Daylilies.** (ISBN 0-88192-536-5, pbk.; 0-88192-461-X, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: [www.timberpress.com](http://www.timberpress.com), 800-327-5680, 503-227-2878, 503-227-3070 fax). \$29.95 (hbk, 1998), \$19.95 (pbk, 2002), 160 pp., 74 color photos, 5 line drawings, 7" × 9 1/2".

Key Words: Daylilies, *Hemerocallis*, gardening, horticulture, identification.

MARTIN PAGE. 2002. **The Gardener's Guide to Growing Peonies.** (ISBN 0-88192-535-7, pbk.; 0-88192-408-3, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: [www.timberpress.com](http://www.timberpress.com), 800-327-5680, 503-227-2878, 503-227-3070 fax). \$29.95 (hbk, 1997), \$19.95 (pbk, 2002), 160 pp., 76 color photos, 18 b/w line drawings, 7" × 9 1/2".

KEY WORDS: Peonies, gardening, horticulture, identification, 600 species and cultivars.

GRAHAM RICE and ELIZABETH STRANGMAN. 2001. **The Gardener's Guide to Growing Hellebores.** (ISBN 0-88192-517-9, pbk.; 0-88192-266-8, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: [www.timberpress.com](http://www.timberpress.com), 800-327-5680, 503-227-2878, 503-227-3070 fax). \$29.95 (hbk, 1993), \$19.95 (pbk, 2001), 160 pp., 74 color photos, 20 line drawings, 7" × 9 1/2".

KEY WORDS: Hellebores, gardening, horticulture, identification.

GEOFF STEBBINGS. 2001. **The Gardener's Guide to Growing Irises.** (ISBN 0-88192-519-5, pbk.; 0-88192-388-5, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: [www.timberpress.com](http://www.timberpress.com), 800-327-5680, 503-227-2878, 503-227-3070 fax).

press.com, 800-327-5680, 503-227-2878, 503-227-3070 fax). \$29.95 (hbk, 1997), \$19.95 (pbk, 2001), 160 pp., 74 color photos, 3 line drawings, 7" × 9 1/2".

KEY WORDS: Irises, gardening, horticulture, identification, cultivars.

DIANA GRENPELL. 2001. **The Gardener's Guide to Growing Hostas**. (ISBN 0-88192-518-7, pbk.; 0-88192-355-9, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: www.timberpress.com, 800-327-5680, 503-227-2878, 503-227-3070 fax). \$29.95 (hbk, 1996), \$19.95 (pbk, 2001), 160 pp., 74 color photos, 5 line drawings, 7" × 9 1/2".

KEY WORDS: Hostas, gardening, horticulture, identification, cultivars, propagation, over 400 cultivars and forms.

### Ecology/Conservation/Landscape Ecology

ROBERT H. ROBICHAUX and DAVID A. YETMAN (eds.). 2000. **The Tropical Deciduous Forest of Alamos: Biodiversity of a Threatened Ecosystem in Mexico**. (ISBN 0-8165-1922-6, hbk.). The University of Arizona Press, 355 S. Euclid, Ste. 103, Tucson, AZ 85719, U.S.A. (Orders: 520-621-1441, 520-621-8899 fax). \$50.00 (hbk), 259 pp., numerous b/w photos, 6" × 9".

KEY WORDS: Mexico, Sonora, Biological diversity, tropical deciduous forest, vegetation, flora, checklist of Río Cuchujaqui plants, trees in southern Sonora, trees of the Mayo Region, ethnobotanically useful trees, columnar cacti, Mayo people, crop diversity, amphibians and reptiles, birds.

BARBARA TELLMAN (ed.). 2002. **Invasive Exotic Species in the Sonoran Region**. (ISBN 0-8165-2178-6, hbk.). The University of Arizona Press, 355 S. Euclid, Ste. 103, Tucson, AZ 85719, U.S.A. (Orders: 520-621-1441, 520-621-8899 fax). \$75.00 (hbk), 460 pp., 37 illustrations, 6 1/8" × 9 1/4".

KEY WORDS: Invasive plants, exotics, amphibians, mammals, insects, fish, birds, 500 naturalized exotic species, Sonoran Desert, adjacent grasslands, riparian areas, native landscapes, Mexico, U.S.A., environmental concerns.

RODNEY W. BOVEY. **Woody Plants and Woody Plant Management: Ecology, Safety, and Environmental Impact**. (ISBN 0-8247-0438-, hbk.). Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016, U.S.A. (Orders: 212-696-9000, 212-685-4540 fax, www.decker.com). Marcel Dekker AG, Hutgasse 4, Postfach 812, CH-4001 Basel, Switzerland (Orders: 41-61-261-8482, 41-61-261-8896 fax) \$195.00, 564 pp., 6" × 9".

KEY WORDS: Woody plants, woody plant management.

From the back cover: "Consolidating an extensive breadth of resources on woody plants, this reference/text on the historical significance and botanical nature of woody plants details strategies for managing woody plants and using research data to select the most appropriate control methods—analyzing the responses of over 370 North American woody plants to commercially available herbicides."

### **Ethnobotanical/Economic/Medicinal/Useful Plants/Toxic**

MARLA R. EMERY and REBECCA J. McLAIN (eds.). 2001. **Non-timber Forest Products: Medicinal Herbs, Fungi, Edible Fruits and Nuts, and Other Natural Products from the Forest.** (ISBN 1-56022-089-9, pbk.). Food Products Press, 10 Alice Street, Binghamton, NY 13904-1580 U.S.A. (Orders: 607-722-5857, 607-722-1424 fax, [getinfo@haworthpressinc.com](mailto:getinfo@haworthpressinc.com)). Price not listed, 176 pp., 6" × 8 1/4".

KEY WORDS: Non-timber forest products, North America, review, history, sustainable uses.

NARAYAN P. MANANDHAR. 2002. **Plants and People of Nepal.** (ISBN 0-88192-527-6). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: [www.timberpress.com](http://www.timberpress.com), 800-327-5680, 503-227-2878, 503-227-3070 fax). \$69.95, 636 pp., 48 color photos, 3 tables, 834 line drawings, 2 maps, 8 1/2" × 11".

Key Words: Plants, Nepalese people, flora, ethnobotany, descriptions, common names.

This is quite a book with fantastic color photos of plants and Nepalese people. There are no keys so the drawings, although not sophisticated, are excellent aids in identification. What a great reference with several useful appendices.

### **Science/Society/Economy**

DOROTHY SCHWIEDER, THOMAS MORAIN, and LYNN NIELSEN. 2002. **Iowa Past to Present: The people and the Prairie. Third edition.** (ISBN 0-8138-2998-4, hbk.). Iowa State Press, 2121 State Avenue, Ames, IA 50014, U.S.A. (Orders: 1-800-862-6657, 1-515-292-3348 fax; [www.iowastatepress.com](http://www.iowastatepress.com)). \$32.99, 312 pp., numerous b/w photos and other illustrations, 7" × 10".

KEY WORDS: Iowa, history, juvenile literature, American Indians, pioneers, prairies, settlers, frontier, farms.

STUART MCCOOK. 2002. **States of Nature. Science, Agriculture, and Environment in the Spanish Caribbean.** (ISBN 0-292-75256-3, hbk.; 0-292-75257-1, pbk.). University of Texas Press, P.O. Box 7819, Austin, TX 78713-7819, U.S.A. (Orders: 800-252-3206 fax; 512-471-4032). \$50.00 (hbk), \$22.95 (pbk), 201 pp., 6 photos, 1 map, 6" × 9".

KEY WORDS: Science, history, Latin America, Caribbean, Venezuela, Puerto Rico, Colombia, Costa Rica, environment, nature, economy, agriculture, botanical science.

GERHARD SONNERT (with assistance of Gerald Holton). 2002. **Ivory Bridges: Connecting Science and Society.** (ISBN 0-262-19471-6, hbk.). The MIT Press, 5 Cambridge Center, Cambridge, MA 02142-1493, U.S.A. (Orders: 800-405-1619, [mitpress-orders@mit.edu](mailto:mitpress-orders@mit.edu), [mitpress.mit.edu](http://mitpress.mit.edu)). \$30.00 (hbk), 227 pp., 6" × 9".

KEY WORDS: Science, society, governmental science policy, scientists' voluntary public-interest associations, "pure" science, research in the national interest, activities of citizen scientists.

### Botany/Molecular/Physiology

THOMAS J. GIVNISH and KENNETH J. SYTSMA. 1997. **Molecular Evolution and Adaptive Radiation.** (ISBN 1-521-57329-7, hbk.). Cambridge University Press, The Edinburgh Building, Cambridge CB2 2RU, UK; 40 West 20<sup>th</sup> Street, New York, NY 10011-4211, U.S.A. \$39.95, 621 pp., b/w photos, figures, 7" × 10".

KEY WORDS: Evolution, adaptive radiation, convergence, reproductive strategies, macroevolutionary patterns.

There were forty authors who contributed to the book's seven chapters: **1)** Introduction; **2)** Integrative Studies; **3)** Convergence; **4)** Rapid Radiations; **5)** Reproductive Strategies; **6)** Character Divergence and Community Assembly; and **7)** Macroevolutionary Patterns.

R.S. SINGH. 2000. **Diseases of Fruit Crops.** (ISBN 1-57808-159-9, pbk.; 1-57808-149-1, hbk.). Science Publishers, Inc., P.O. Box 699, Enfield, NH 03748, U.S.A. (Orders: sales@scipub.net; www.scipub.net, or info@scipub.net). \$49.50 (pbk), 310 pp., 31 b/w photos, 6" × 9 1/2".

KEY WORDS: Fruit diseases, fruit pests, citrus, pome and stone fruits, mango, banana, grapevines and grapes, guava, strawberry, coconut palm, pineapple, pomegranate, litchi, loquat, cashewnut, sapodilla plum.

GEORGE G. KHACHATOURIANS, ALAN MCHUGEN, RALPH SCORZA, WAI-KIT NIP, and Y.H. HUI (eds.). 2001. **Transgenic Plants and Crops.** (ISBN 0-8247-0545-9, hbk.). Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016, U.S.A. (Orders: 212-696-9000, 212-685-4540 fax, www.deeker.com). Marcel Dekker AG, Hutgasse 4, Postfach 812, CH-4001 Basel, Switzerland (Orders: 41-61-261-8482, 41-61-261-8896 fax) \$225.00, 876 pp., b/w photos, 7" × 10".

KEY WORDS: Transgenic plants, crops, transgenic techniques, agriculture, molecular biology, food plant biotechnology, genetics, social, political, legal aspects of genetic plant manipulation.

YOAV WAISEL, AMRAM ESHEL, and UZI KAFKAFI (eds.). 2002. **Plant Roots. The Hidden Half. Third Edition.** (ISBN 0-8247-0631-5, hbk.). Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016, U.S.A. (Orders: 212-696-9000, 212-685-4540 fax, www.deeker.com). Marcel Dekker AG, Hutgasse 4, Postfach 812, CH-4001 Basel, Switzerland (Orders: 41-61-261-8482, 41-61-261-8896 fax) \$250.00, 1120 pp., color and b/w photos, line drawings, 8 1/2" × 11".

KEY WORDS: Roots, characteristics of roots, root system, root structure, development, root genetics, regulation of root growth, physiological aspects of root systems, roots under stress, roots of various ecological groups, roots of economic value, roots with medicinal activity.

This is quite a book on the subject of roots. There are some 99 individuals listed as contributing to this incredible and massive compilation. The references follow each of the 59 chapters rather than at the end. The editors are to be congratulated.

ANDRÉ O. BAREL, MARC POAYE, and HOWARD I. MAIBACH (eds). **Handbook of Cosmetic Science and Technology**. (ISBN 0-8247-0292-1, hbk.). Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016, U.S.A. (Orders: 212-696-9000, 212-685-4540 fax, [www.deeker.com](http://www.deeker.com)). Marcel Dekker AG, Hutgasse 4, Postfach 812, CH-4001 Basel, Switzerland (Orders: 41-61-261-8482, 41-61-261-8896 fax) \$235.00, 886 pp., b/w photos, and other figures, 7" × 10".

KEY WORDS: Cosmetics, cosmetic ingredients, finished products, target organs, delivery systems, current technology in safety, toxicology, dermatological testing.

This appears to be an up-to-date reference on the cosmetic industry. **Part 1)** Introduction; **Part 2)** Target Organs for Cosmetic Products; **Part 3)** Safety Considerations; **Part 4)** Vehicles of Cosmetic Products; **Part 5)** Cosmetic Ingredients; **Part 6)** Cosmetic Products; **Part 7)** Legislation and Regulations Worldwide; **Part 8)** Testing Cosmetic Products; and **Part 9)** Cosmetic Claims. Contributions from some 92 expert scientists from academic dermatology and dermato-cosmetics, the cosmetics industry, ingredients and raw materials producers, to regulatory agencies, helped the editors to achieve their goal.

MOHAMMAD PESSARAKLI (ed). **Handbook of Plant and Crop Physiology**. (ISBN 0-8247-0546-7, hbk.). Marcel Dekker, Inc., 270 Madison Avenue, New York, NY 10016, U.S.A. (Orders: 212-696-9000, 212-685-4540 fax, [www.deeker.com](http://www.deeker.com)). Marcel Dekker AG, Hutgasse 4, Postfach 812, CH-4001 Basel, Switzerland (Orders: 41-61-261-8482, 41-61-261-8896 fax) \$225.00, 973 pp., b/w photos, graphs, and other figures, 7" × 10".

KEY WORDS: Plant crops, physiology, environmental factors, climatic changes, developmental states, growth regulators.

This is a comprehensive, up-to-date reference on plant and crop physiology. **Part 1)** Plants/Crops Growth Responses to Environmental Factors and Climactic Changes; **Part 2)** Physiology of Plant/Crop Growth and Developmental Stages; **Part 3)** Cellular and Molecular Aspects of Plant/Crop Physiology; **Part 4)** Plant/Crop Physiology and Physiological Aspects of Plant/Crop Production Processes; **Part 5)** Plant Growth Regulators: The Natural Hormones (Growth Promoters and Inhibitors) and Plant Genes; **Part 6)** Physiological Responses of Plants/Crops Under Stressful (Salt, Drought, and Other Environmental Stresses) Conditions; **Part 7)** Physiological Responses of Plants/Crops to Heavy Metal Concentration and Agrichemicals; **Part 8)** Physiological Relationships Between Lower and Higher Plants; **Part 9)** Physiology of Lower-Plant Genetics and Development; **Part 10)** Physiology of Higher-Plant/Crop Genetics and Development; **Part 11)** Using Computer Modeling in Plant Physiology; and **Part 12)** Plant/Crop Physiology Under Controlled Conditions, in Space, and on Other Planets. There were some 76 specialists contributing to this volume.

### Biographical

WILFRID BLUNT (Introduction by William T. Stearn). 2001. **Linnaeus: The Compleat Naturalist**. (ISBN 0-691-09636-8, pbk.). Princeton University Press, 41 William Street, Princeton, NJ 08540, U.S.A. (Orders: California Princeton Fulfillment Services, 1445 Lower Ferry Road, Ewing, NJ 08618, U.S.A., 609-883-1759, 609-883-7413 fax, www.pup.princeton.edu). \$35.00, 264 pp., color photos, 7 3/4" × 9 3/4".

KEY WORDS: Linnaeus, biography, taxonomy, systematic botany, history.

### Journals

**Acta Botanica Hungarica**. (ISSN 0236-6495). Akadémiai Kiadó, Budapest, H-1519 Budapest, P.O. Box 245, HUNGARY. (Subscriptions: 36-1-464-8221, email: kiss.s@akkr.hu). \$192.00, 4 issues/year, 6 1/2" × 9 1/2".

CONTENTS FOR 43(3-4) 2001: **1)** In honour of the seventy-year-old Gábor Fekete. **2)** Jaraine Komlodi Magda is seventy-years old. **3)** Les componentes de la balance hydrique des deux type des maïs différents dans les deux périodes de végétation successives. **4)** Anatomical investigation of 4,000-years old *Cedrus libani* wood remains from Egypt. **5)** Revisión taxonómica del género *Stevensia* Poit. **6)** Total soluble protein amount in vegetative buds and needles of Norway spruce during the bursting time. **7)** Melitopalynological and antimicrobial properties of honeys from Elazi\_ (E Turkey). **8)** Effect of chemical and biological insecticides on growth, pigmentation, photosynthetic activity and yield productivity of *Vicia faba* plants. **8)** Coenological data on temperate semidesert sandy grasslands in Hungary. **9)** Soil seed bank and vegetation composition of two fen-meadow stands in the Netherlands. **10)** The effects of low temperature on the growth and total protein amount of chickpea (*Cicer arietinum*) seedlings. **11)** Cambial activity and development of xylem in *Tamarindus indica* L. growing in different forests of Gujarat state. **12)** Morpho-histogenic studies of the fruit wall of *Argemone mexicana* L. (Papaveraceae). **13)** Effect of industrial effluents polluting the river Nile on growth, metabolism and productivity of *Triticum aestivum* and *Vicia faba* plants. **14)** Floral anatomy of *Actinomeris squarosa* and *Bidens biternata* (Asteraceae).